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Sealing ring and sealing ring arrangement

Abstract

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The invention relates to a sealing ring for sealing two components moving relative to each other, particularly as a rotary shaft seal or piston ring, with a radially internal or external sealing surface (2) that can be brought into contact with one
15 of the components to form a seal against a fluid medium, where, to the side of the sealing surface (2), the sealing ring displays a pressurizing surface (8) to be pressurized by the fluid medium and, on the opposite side, a supporting surface (7) to the side of the sealing surface (2) for positioning against a
20 groove flank of a component accommodating the sealing ring. The pressurizing surface (8) and/or the supporting surface (7) are inclined relative to the sealing surface (2) and enclose an angle of less than 90° towards it, where the ring is capable of radial compression towards a radially internal sealing surface
25 (2), or of expansion towards a radially external sealing surface (2). (Fig. 1)